DOCUMENT RESUME

ED 055 661 24 PS 005 079

AUTHOR Johnson, Adele M., Comp.
TITLE Infant Studies: An Annotated Bibliography.
INSTITUTION ERIC Clearinghouse on Early Childhood Education, Urbana, Ill.
SPONS AGENCY National Center for Educational Communication (DHEW/OE), Washington, D.C. Division of Information Resources.; Office of Child Development (DHEW), Washington, D.C.
BUREAU NO BR-0-0288
PUB DATE Sep 71
CONTRACT OEC-0-70-2623(519)
NOTE 21p.

EDRS PRICE MF-$0.65 HC-$3.29
DESCRIPTORS *Annotated Bibliographies; *Child Development; Cognitive Development; Day Care Programs; Disadvantaged Groups; *Early Experience; Family Environment; *Infant Behavior; *Infants; Parent Child Relationship; Periodicals; Preschool Programs; Research; Social Development; Stimulation

ABSTRACT

This bibliography, compiled to alert educators to documents on infant studies, combines entries from the abstract journal, "Research in Education (RIE)" and journal article citations from "Current Index to Journals in Education (CIJE)." The bibliography includes all the citations concerning infants from these 1970-71 ERIC publications, excluding work on exceptional infants. Most entries are available from the ERIC Document Reproduction Services (EDRS), and directions for ordering are included. Publishers' addresses and prices are listed with the few titles not available from EDRS. (AJ)

EDO 55661

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

PA-24
BR-0-0288
OEC-0-70-2623
(519)

INFANT STUDIES: AN ANNOTATED BIBLIOGRAPHY

Compiled by

Adele M. Johnson

Educational Resources Information Center
Clearinghouse on Early Childhood Education
805 West Pennsylvania
Urbana, Illinois 61801

September 1971

PS 005079

This paper was produced pursuant to a contract with the Office of Education, U.S. Department of Health, Education and Welfare. Contractors undertaking such projects under Government sponsorhsip are encouraged to express freely their professional judgment. Points of view or opinions stated do not, therefore, necessarily represent official Government position or policy.

Foreword

The Educational Resources Information Center/Early Childhood Education Clearinghouse (ERIC/ECE) is one of a system of 20 clearinghouses sponsored by the United States Office of Education to provide the educational community with information about current research and developments in the field of education. The clearinghouses, each focusing on a specific area of education, (such as early childhood, reading, linguistics, and exceptional children), are located at universities and institutions throughout the United States.

The clearinghouses search systematically to acquire current, significant documents relevant to education. These research studies, speeches, conference proceedings, curriculum guides, and other publications are abstracted, indexed and published in Research in Education (RIE), a monthly journal. RIE is available at libraries, or may be ordered from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

Another ERIC publication is Current Index to Journals in Education (CIJE), a monthly guide to periodical literature which cites articles in more than 560 journals and magazines in the field of education. Articles are indexed by subject, author, and journal contents, CIJE is available at libraries, or by subscription from CCM Information Corporation, 909 Third Avenue, New York, New York 10022.

The Early Childhood Education Clearinghouse (ERIC/ECE) also distributes a free, current awareness newsletter which singles out RIE and CIJE articles of special interest, and reports on new books, articles, and conferences. The ERIC/ECE Newsletter also describes practical projects currently in progress, as reported by teachers and administrators. For more information, or to receive the Newsletter write: ERIC/ECE Clearinghouse, 805 W. Pennsylvania Avenue, Urbana, Illinois 61801.

I. INTRODUCTION

This bibliography has been compiled to alert educators to documents on infant studies found in the ERIC microfiche collection and in journal literature. Titles were selected from Research in Education (RIE) and journal article citations from Current Index to Journals in Education (CIJE).

Major descriptors (marked with an asterisk*) and minor descriptors appear after each title. Descriptors are subject terms which are used in RIE and CIJE to characterize the entries and will help users of this bibliography to identify topics covered in the selections.

Most of the entries are available from ERIC Document Reproduction Services (EDRS) in either of two forms, microfiche (MF) or hard copy (HC). Each entry is assigned an ERIC Document (ED) identification number, which appears after the title information. Directions for ordering are given on the last page of the bibliography. Journal citations have an (EJ) identification number.

A few titles are not available through EDRS but must be ordered from the publishers, and addresses and prices are listed with each of these citations.

INFANT STUDIES: AN ANNOTATED BIBLIOGRAPHY

1. Badger, Earladeen. Activities for Infant Stimulation or Mother-Infant Games. October 1970, 11p. ED 046 510

*Child Development; *Developmental Programs; *Infants; *Skill Development; *Stimulation; Day Care Programs; Home Programs; Imitation; Mothers; Parent Child Relationship; Physical Development; Toys; Social Development

Specific suggestions are offered for mother-infant activities, sequenced according to developmental levels, which foster the physical and mental development of the infant and the socio-emotional relationship between mother and infant.

2. Badger, Earladeen. Mothers' Training Program: Educational Intervention by the Mothers of Disadvantaged Infants. August 1968, 93pp. ED 043 378

*Culturally Disadvantaged; *Educational Programs; *Home Instruction; *Mothers; Attention Span; Group Discussion; Home Visits; Language Development; Learning Motivation; Mental Development; Mother Attitudes; Motor Development; Parent Role

Program included: (1) training mothers to use educational toys and materials to stimulate the learning of their children (1- to 2-years-old) in sensory-motor, concept and language development; (2) discussion of child-rearing problems; (3) fostering attitude change through sharing ideas; and (4) helping the mothers to develop self-confidence and responsibility.

3. Denenberg, Victor H. (Ed.) Education of the Infant and Young Child. 1970, 150p. [Not available from EDRS] ED 048 930

*Behavior Development; *Day Care Services; *Early Experience; *Infants; *Learning Experience; Child Development; Continuous Learning; Cultural Disadvantagement; Group Experience; Individual Development; Social Differences; Stimulation

Provides information on conditions which would aid in maximizing the learning potential and behavioral development of the very young child. Emphasizes the types of experiences young babies should have who spend part of their time in a day care center.

AVAILABILITY: Academic Press, Inc., 111 Fifth Avenue, New York, N.Y. 10003 ($6.75, Book Code: 2091-50)

4. Demonstration Infant Day Care and Education Program. Interim Report, 1969-1970. 8p. ED 041 632

*Cognitive Development; *Day Care Programs; *Infants; *Preschool Programs; *Social Development; Disadvantaged Environment; Educational Improvement; Intelligence; Program Effectiveness

Reports midyear results of a day care program for infants (3- to 30-months-old) designed to facilitate their cognitive, personality, and social development through personalized adult-child interaction, guided learning situations, free play, and specialized care. Collaboration with the home was extensive.

5. Falkner, Frank (Ed.) Key Issues in Infant Mortality. April 1969, 92pp. (Microfiche only) ED 045 208

*Death; *Environmental Influences; *Infants; *Research Needs; *Pregnancy; Comprehensive Programs; Family Planning; Health Services; Physiology; Prenatal Influences; Social Problems; Socioeconomic Influences

This pamphlet summarizes the proceedings of a conference on infant mortality sponsored by the National Institute of Child Health and Human Development. Participants were physicians, nurses, social workers, sociologists, statisticians and others.

6. Foss, B.M. (Ed.) Determinants of Infant Behaviour IV. 1969, 317pp. ED 032 947 [Not available from EDRS]

*Animal Behavior; *Infant Behavior; *Parent Child Relationship; Behavior Development; Behavior Problems; Emotional Development; Environmental Research; Social Isolation; Social Relations

This volume reports individual studies and surveys of research on mother-infant interactions. Both the behavior of animals and that of human infants is discussed. Specific topics include the effects of strange environment, the nature and history of crying, the mental and emotional development of the thalidomide child, and several studies of babies' reactions to strangers.

AVAILABILITY: Barnes and Noble, Inc., 105 Fifth Avenue, New York, N.Y. 10003

7. Fowler, William. Infant Stimulation and the Etiology of Cognitive Processes. June 1966, 110pp. ED 045 174

*Cognitive Development; *Infants; *Stimulation; *Cognitive Processes; Conceptual Schemes; Educational Theories; Language Development; Mediation Theory; Perceptual Motor Learning; Personality Theories; Research Criteria; Research Reviews (Publications)

A critical analysis of the relationships between long term stimulation, behavior, and cognitive functioning and development points up biases and gaps in past as well as contemporary approaches to infant stimulation.

8. Fowler, William; And Others. An Integrated Program of Group Care and Education for Socioeconomically Advantaged and Disadvantaged Infants. February 1971, 14pp. ED 048 937

*Infants; *Day Care Programs; *Preschool Programs; *Program Effectiveness; *Stimulation; Cognitive Development; Emotional Development; Social Development; Social Relations

Reports the first year of a 3-year day care demonstration project for advantaged and disadvantaged infants from 3- to 30-months of age designed to facilitate infants' cognitive, personality, and social development through personalized adult-child interaction, guided learning situations, free play and specialized care.

9. Gershaw, N. Jane; Schwarz, J. Conrad. The Effects of a Familiar Toy and the Mother's Presence on Exploratory and Attachment Behavior in Young Children. 1969, 30pp. (Microfiche only) ED 041 309

*Child Development; *Infant Behavior; *Reactive Behavior; Stimulus Behavior; Behavioral Science Research; Individual Development; Parent Child Relationship

Study was designed to investigate the exploration and attachment behavior of young children (15- to 42-months-old) in a strange situation in the presence of the mother, a favorite toy and an unfamiliar toy. The effect of age was also investigated.

10. Gordon, Ira J.; And Others. Relationships Between Selected Family Variables and Maternal and Infant Behavior in a Disadvantaged Population. A Supplementary Report. April 1969, 84pp. ED 047 784

PS 005079

*Disadvantaged Groups; *Family Environment; *Hypothesis Testing; *Infants; *Stimulation; Child Rearing; Cross Cultural Studies; Mother Attitudes; Parent Child Relationship; Self Concept; Siblings

This pamphlet contains a series of studies that grew out of the parent education project of the Institute for Development of Human Resources. The objectives and general design of the project consisted of instruction of 200 environmentally disadvantaged mothers by parent educators using a sequence of infant stimulation exercises conducted in the home.

11. Greenberg, David; And Others. Attentional Preference and Experiences: III. Visual Familiarity and Looking Time. January 1970, 13pp. ED 039 939

*Attention; *Child Development; *Infant Behavior; *Visual Stimuli; Attention Span; Behavior Patterns; Curiosity; Feedback

This paper is the third in a series of three studies investigating attentional preference in infants. The second study involved infants who gave initial attentional preference to familiar patterns of visual stimuli, and later switched their preference to unfamiliar patterns. The purpose of the present study was to duplicate these results with improved experimental techniques, including additional controls.

[Part I of this study appears as ED 040 751; Part II, ED 039 938]

12. Honig, Alice S.; Brill, Sheila. A Comparative Analysis of the Piagetian Development of Twelve Month Old Disadvantaged Infants in an Enrichment Center with Others Not in Such a Center. September 1970, 27pp. ED 047 778

*Enrichment Programs; *Infants; *Language Enrichment; *Psychomotor Skills; Cogntive Development; Comparative Analysis; Low Income Groups; Negroes; Sex Differences; Tables (Data); Teacher Education; Testing

Tested the hypothesis that a 6-month, half-day program of enrichment in language and Piagetian sensorimotor skills tailored to the cognitive-developmental level of infants would accelerate the development of participating infants.

13. Hunt, J. McV. Attentional Preference and Experience: I. Introduction. January 1970, 9pp. ED 040 751

*Infant Behavior; *Attention; *Cognitive Processes; Visual Stimuli; Cognitive Development; Behavior Development

This paper introduces and gives a report of the first of a series of studies concerned with the developmental aspects of information processing. The experiments are concerned chiefly with how repeated visual encounters influence infants' attentional preference for what is familiar or unfamiliar and how infants' preference can be affected by responsiveness to the infants' spontaneous efforts.

[Part II appears as ED 039 938; Part III, ED 039 939]

14. Kron, Reuben E. Studies of Sucking Behavior in the Human Newborn: The Diagnostic and Predictive Value of Measures of Earliest Oral Behavior. 1968, 22pp. ED 039 014

*Infant Behavior; *Measurement Techniques; Behavior Patterns; Diagnostic Tests; Predictive Ability (Testing)

This paper offers a concise summary of the results of some investigations of sucking behavior during the neonatal period. The investigations are the result of an objective technique developed for measuring the nutritive sucking behavior of the newborn.

15. Kron, Reuben E.; And Others. An Analysis of Behavioral Mechanisms Involved in Control Over Infant Feeding Behavior: The Effect of Interfeeding Interval on Nutritive Sucking in the Newborn. 1968, 30pp. ED 037 236

*Infant Behavior; Motor Reactions; Nurtrition

To determine the antecedents of sucking in infants, the behavior of 24 infants (48- to 60-hours-old) was observed in relation to a sucking deveice that measured pressure and rate of sucking and delivered a controlled flow of nutrient. Knowledge concerning the factors influencing sucking rate should be applied to the problem of infants who fail to thrive on routine management.

16. Lewis, Michael. Infancy and Early Childhood in the Urban Environment: Problems for the 21st Century. Research Memorandum. May 1970, 12pp. ED 047 041

*Child Development; *Early Childhood; *Infancy; *Urban Environment; Early Experience; Infants; Toys; Urban Education

Focuses on the problems of the infant and young child in the 21st century urban environment: (1) the immediate environment (crib, toys, etc.,); (2) the orbital environment (the immediate environment in relation to health services, schools, etc.); and (3) the orbital environment as an extended family.

17. McCall, Robert B. Issues and Implications of the Distribution of Attention in the Human Infant. April 1970, 10pp. ED 043 387

*Attention; *Infants; *Mental Development; *Predictive Ability (Testing); *Stimulus Behavior; Attention Span; Cognitive Processes; Infant Behavior; Response Mode

Study of the infant's distribution of attention to stimuli of varying complexity, and his differential attention to familiar versus novel stimuli (discrepancy); attempts to shed light on the development of cognitive structures in the non-verbal infant (4- to 6-months-old).

18. Meier, John; Segner, Leslie. An Educational System for Developmentally Disabled Infants. December 1969, 35pp. (Microfiche only) ED 040 749

*Compensatory Education; *Early Childhood Education; *Infants; *Intervention; *Infant Stimulation; Programs; Culturally Disadvantaged; Curriculum Development; Educational Equipment; Electromechanical Aids; Family Environment; Sensory Training

Examines the developmental problems of the environmentally disadvantaged in light of recent research; makes a case for intervention during infancy, and attempts to specify some concrete details of a curriculum for an Infant Educational System. Includes an extensive review of literature related to compensatory programs.

19. Meier, John H.; And Others. An Education System for High-Risk Infants: A Preventive Approach to Developmental and Learning Disabilities. March 1970, 59pp. [Not available from EDRS] ED 043 379

*Curriculum Planning; *Early Childhood Education; *Infancy; *Intervention; *Learning Disabilities; Curriculum Development; Early Experience; Enrichment Programs; Environmental Influences; Parent Participation; Remedial Instruction; Research Reviews (Publications)

Reviews recent literature in the field of infant education, presents a rationale for developing a systematic program of infant education, and suggests how this might be accomplished.

AVAILABILITY: Disadvantaged Child, Volume III, J. Hellmuth ed. November 1970, Brunner-Mazel Publishers, 80 East 11th Street, New York, N.Y. 10003

20. Miller, Dolores J.; And Others. A Test of Habituation in Human Infants as an Acquisition Process in a Retroactive Inhibition Paradigm. September 1970, 18pp. ED 046 490

*Attention Span; *Conditioning; *Eye Fixations; *Infants; *Inhibition; Males; Stimulus Behavior; Visual Stimuli

Examined habituation and dishabituation to a simple geometric stimulus for a sample of 36 5-month-old subjects.

21. Nelson, Keith; Kessen, William. Visual Scanning by Human Newborns: Responses to Complete Triangle, to Sides Only, and to Corners Only. 1969, 2pp. ED 035 439 [Not available from EDRS]

*Perceptual Development; Visual Perception; Visual Stimuli

This study tes ed the hypothesis that newborns selectively orient toward angular elements in their visual field. Subjects were 36 awake and alert infants under 6 days of age. Results affirm that angular elements of a triangle are elements which attract the infant's gaze independentof the presence or absence of side contours. Scanning records revealed that infants looked only toward a single angular component.

AVAILABILITY: American Psychological Association, 1200 17th Street, N.W. Washington, D.C. 20036

22. Painter, Genevieve. Infant Education. 1968, 164pp. ED 033 760
[Not available from EDRS]

*Infants; *Compensatory Education Programs; *Longitudinal Studies; *Tutorial Programs; Cognitive Development; Culturally Disadvantaged; Early Experience; Home Programs; Intervention; Language Development; Perceptual Motor Learning

Investigators evaluated a group of 20 8-month to 2-year-old culturally disadvantaged children who were given environmental intervention in the form of a 1-year structured educational program. The program involved language training, conceptual training, and sensory-motor training. The study is the first phase of a longitudinal study to determine how early intervention should begin.

AVAILABILITY: Dimensions Publishing Co., Box 4221, San Rafael, California 94903

23. Painter, Genevieve. A Tutorial Language Program for Disadvantaged Infants. 1969, 28pp. ED 040 766

*Infants; *Home Programs; *Intervention; *Language Programs; *Tutorial Programs; Cognitive Development; Concept Teaching; Language Development; Language Enrichment; Perceptual Motor Learning; Program Descriptions; Symbolic Learning

Attempted to ameliorate the educational deficits of infants by using structured tutorial programs of language and concept training in the home. The program was part of a larger project to determine the age at which intervention will produce maximum acceleration of cognitive development.

24. Pederson, David R.; And Others. Relative Soothing Effects of Vertical and Horizontal Rocking. April 1969, 16pp. ED 046 504

*Behavior Patterns; *Behavior Rating Scales; *Infant Behavior; *Measurement Instruments; *Reactive Behavior; Graphs; Infants; Observation; Tables (Data)

In this study designed to compare the relative pacifying properties of horizontal and vertical rocking, 13 infants (mean age=58 days) were tested in a special rating device.

25. Ricciuti, Henry N. Emotional Development in the First Two Years. December 1969, 25pp. (Microfiche only) ED 039 936

*Affective Behavior; *Emotional Development; *Infant Behavior; *Psychological Patterns; Anxiety; Child Psychology; Fear; Individual Differences; Parent Child Relationship; Psychological Needs; Social Reinforcement

Negative and positive categories of infant emotions are discussed, including specific emotions like fear of strangers, maternal attachment, and anxiety. A broad developmental outline of responses to fear-inducing stimuli is given. The paper concludes with comments on the functional significance of emotions in early development.

26. Stedman, Donald J. An Approach to the Study of Infant Behavior. 1966, 13pp. ED 039 031

*Infant Behavior; *Models; Child Development; Early Experience; Psycholinguistics; Research Problems; Systems Approach; Input Output Analysis

This paper on infant behavior offers a program to positively change decelerating mental development curves in infants. An attempt is made to (1) suggest a theoretical model, (2) present a developmental matrix derived from observation using the model, and (3) note specific instrumentation for infant observation and an experimental-stimulating responsive environment for infants.

27. Stedman, Donald J. Developmental-Behavioral Patterns in Twenty-Six Culturally Disadvantaged Infants. 1967, 8pp. ED 044 173

*Behavior Development; *Culturally Disadvantaged; *Infants; *Mental Development; *Motor Development; Age Differences; Infant Behavior; Longitudinal Studies; Sex Differences; Observation

This interim report is part of a longitudinal study of developmental behavior designed to determine whether infants from culturally disadvantaged homes have different developmental patterns than infants from advantaged homes.

28. Tulkin, Steven R.; Kagan, Jerome. Mother-Child Interaction: Social Class Differences in the First Year of Life. 1970, 2pp. [Not available from EDRS] ED 044 177

*Infants; *Parent Child Relationship; *Social Differences; *Verbal Communication; Behavior; Child Rearing; Lower Class; Middle Class; Mothers; Non Verbal Communication; Verbal Development

To study maternal behaviors as related to social class differences, 30 middle class and 30 working class white mothers were observed at home on two separate days with their 10-month-old firstborn baby girls.

AVAILABILITY: American Psychological Association, 1201 17th Street, N.W. Washington, D.C. 20036 (Proceedings, 78th Annual Convention, APA, 1970; v5 p261-262, 1970)

29. Uzgiris, Ina C.; Hunt, J. McV. Attentional Preference and Experience: II. An Exploratory Longitudinal Study of the Effects of Visual Familiarity and Responsiveness. January 1970, 13pp. ED 039 938

*Attention; *Child Development; *Infant Behavior; *Visual Stimuli; Attention Span; Behavior Patterns; Curiosity; Feedback; Longitudinal Studies.

The human infant is now considered capable of active informational interaction with the environment. This study hypothesizes that (1) repeated visual encounters with a stimulus pattern leads first to attentional preference for that pattern before leading to preference for an unfamiliar pattern, and (2) patterns responsive to an infant's own acts will acquire an extra attractiveness.

[Part I of this study appears as ED 040 751; Part III, ED 039 939]

30. White, Burton L. The Role of Experience in the Behavioral Development of Human Infants: Current Status and Recommendations. 1970, 78pp. ED 048 917

*Behavior Development; *Child Development; *Child Rearing; *Early Experience; *Infant Behavior; Behavioral Science Research; Human Development; Infancy; Longitudinal Studies; Research Problems

Designed as an information guide for those persons responsible for rearing human infants from birth to 18 months, this paper provides an extensive review of the literature and trends of research in this area noting that the current volumes of knowledge are not yet dependable enough to provide reliable bases for practice.

31. Wright, Charlene; And Others. Prenatal-Postnatal Intervention: A Description and Discussion of Preliminary Findings of a Home Visit Program Supplying Cognitive, Nutritional and Health Information to Disadvantaged Homes. September 1970, 39pp. (Microfiche only)
ED 044 454

*Child Care Workers; *Child Development; *Infancy; *Nutrition; *Parent Child Relationship; Family Involvement; Family Problems; Family School Relationship; Perceptual Motor Learning; Prenatal Influences

Describes the development of a program which uses paraprofessional home visitors as disseminators of information for the growth and development of the fetus and young infant.

Current Index to Journals in Education
Citations

1. Adkins, Patricia G. Teachers' Potpourri: Infant Sex as a Factor in Speech Development. Speech Teacher, v20 n1, pp59-61, January 1971.

2. Bell, Richard Q. Stimulus Control of Parent or Caretaker Behavior by Offspring. Developmental Psychology, v4 n1, pp63-72, January 1971.

3. Bell, Silvia M. The Development of the Concept of Object as Related to Infant-Mother Attachment. Child Development, v41 n2, pp291-311, June 1970.

4. Bench, John; Parker, Anne. On the Reliability of the Graham/Rosenblith Behaviour Test for Neonates. Journal of Child Psychology and Psychiatry, v11 n2, pp121-131, November 1970.

5. Bills, Robert E. Love Me to Love Thee. Theory into Practice, v8 n2, pp79-85, April 1969.

6. Caldwell, Bettye M. The Effects of Psychosocial Deprivation on Human Development in Infancy. Merrill-Palmer Quarterly, v16 n3, pp260-277, July 1970.

7. Carpenter, Genevieve C.; And Others. Differential Visual Behavior to Human and Humanoid Faces in Early Infancy. Merrill-Palmer Quarterly, v16 n1, pp91-108, January 1970.

8. Castell, Rolf. Effect of Familiar and Unfamiliar Environments on Proximity Behavior of Young Children. Journal of Experimental Child Psychology, v9 n3, pp342-347, June 1970.

9. Elder, Mary Scovill. The Effects of Temperature and Position on the Sucking Pressure of Newborn Infants. Child Development, v41 n1, pp95-102, March 1970.

10. Fagan, Joseph F., III. Memory in the Infant. Journal of Experimental Child Psychology, v9 n2, pp217-226, April 1970.

11. Falkner, Frank. Infant Mortality: An Urgent National Problem. Children, v17 n3, pp83-87, May-June 1970.

12. Fleener, Don E.; Cairns, Robert B. Attachment Behaviors in Human Infants: Discriminative Vocalization on Maternal Separation. Developmental Psychology, v2 n2, pp215-223, March 1970.

13. Freedle, Roy. A Stimulus Similarity Scale for Temporal Measures of Attention in Infants and Children. Developmental Psychology, v4 n2, pp240-247, March 1971.

14. Freedle, Roy; Lewis, Michael. On Relating an Infant's Observation Time of Visual Stimuli with Choice-Theory Analysis. Developmental Psychology, v2 n1, pp129-133, January 1970.

15. Friedlander, Bernard Z. Receptive Language Development in Infancy: Issues and Problems. Merrill-Palmer Quarterly, v16 n1, pp7-51, January 1970.

16. Friedman, Steven; And Others. Newborn Attention: Differential Response Decrement to Visual Stimuli. Journal of Experimental Child Psychology, v10 n1, pp44-51, August 1970.

17. Gaddini, Renata; Gaddini, Eugenio. Transitional Objects and the Process of Individuation: A Study in Three Different Social Groups. Journal of the American Academy of Child Psychiatry, v9 n2, pp347-365, April 1970.

18. Gardner, Judith; Gardner, Howard. A Note on Selective Imitation by a Six-Week-Old Infant. Child Development, v41 n4, pp1209-1213, December 1970.

19. Greenberg, David; And Others. Attentional Preference and Experience: III. Visual Familiarity and Looking Time. Journal of Genetic Psychology, v117 n1, pp123-135, September 1970.

20. Hunt, Eleanor. Infant Mortality Trends and Maternal and Infant Care. Children, v17 n3, pp88-90, May-June 1970.

21. Jordan, T.E.; Spaner, S.D. Biological and Ecological Influences on Development at 12 Months of Age. Human Development, v13 n3, pp178-187, 1970.

22. Kagan, Jerome. Attention and Psychological Change in the Young Child. Science, v170 n3960, pp826-832, November 1970.

23. Karnes, Merle B.; And Others. Educational Intervention at Home by Mothers of Disadvantaged Infants. Child Development, v41 n4, pp925-935, December 1970.

24. Korner, Anneliese F. Visual Alertness in Neonates: Individual Differences and Their Correlations. Perceptual and Motor Skills, v31 n2, pp499-509, October 1970.

25. Korner, Anneliese F.; Thoman, Evelyn B. Visual Alertness in Neonates as Evoked by Maternal Care. Journal of Experimental Child Psychology, v10 n1, pp67-78, August 1970.

26. Lewis, Michael; And Others. A Developmental Study of Information Processing Within the First Three Years of Life: Response Decrement to a Redundant Signal. Monographs of the Society for Research in Child Development, v34 n9, pp1-41, December 1969.

27. Lewis, Michael; And Others. An Exploratory Study of Resting Cardiac Rate and Variability from the Last Trimester of Prenatal Life Through the First Year of Postnatal Life. Child Development, v41 n3, pp799-811, September 1970.

28. McCall, Robert B.; Kagan, Jerome. Individual Differences in the Infant's Distribution of Attention to Stimulus Discrepancy. Developmental Psychology, v2 n1, pp90-98, January 1970.

29. McCall, Robert B.; Melson, William H. Complexity, Contour, and Area as Determinants of Attention in Infants. Developmental Psychology, v3 n3, pp343-349, November 1970.

30. McGurk, Harry. The Role of Object Orientation in Infant Perception. Journal of Experimental Child Psychology, v9 n3, pp363-373, June 1970.

31. McKenzie, Beryl; Day, R.H. Operant Learning of Visual Pattern Discrimination in Young Infants. Journal of Experimental Child Psychology, v11 n1, pp45-53, February 1971.

32. Mahon, D.F. Language Development in Infants with Reference to Social Deprivation. English in Education, v4 n3, pp30-34, Fall 1970.

33. Melson, William H.; McCall, Robert B. Attentional Responses of Five-Month Girls to Discrepant Auditory Stimuli. Child Development, v41 n4, pp1159-1171, December 1970.

34. Meredith, Howard V. Body Size of Contemporary Groups of One-Year-Old Infants Studied in Different Parts of the World. Child Development, v41 n3, pp551-600, September 1970.

35. Messer, Stanley B.; And Others. Fixation Time and Tempo of Play in Infants. Developmental Psychology, v3 n3, pp406, November 1970.

36. Miranda, Simon B. Visual Abilities and Pattern Preferences of Premature Infants and Full-Term Neonates. Journal of Experimental Child Psychology, v10 n2, pp189-205, October 1970.

37. Montagu, Ashley. A Scientist Looks at LOVE. Phi Delta Kappan, v51 n9, pp463-467, May 1970.

38. Moreau, Tina; And Others. Ease of Habituation to Repeated Auditory and Somesthetic Stimulation in the Human Newborn. Journal of Experimental Child Psychology, v9 n2, pp193-207, April 1970.

39. Moss, Howard A.; Robson, Kenneth S. The Relation Between the Amount of Time Infants Spend at Various States and the Development of Visual Behavior. Child Development, v41 n2, pp509-517, June 1970.

40. Naito, Toru; Lipsitt, Lewis P. Two Attempts to Condition Eyelid Responses in Human Infants. Journal of Experimental Child Psychology, v8 n2, pp263-270, October 1969.

41. Olofson, Shirley. On the Vagaries of Child-Care Books. American Libraries, v1 n11, pp1036-1044, December 1970.

42. Pancratz, Charity N.; Cohen, Leslie B. Recovery of Habituation in Infants. Journal of Experimental Child Psychology, v9 n2, pp208-216, April 1970.

43. Rheingold, Harriet L.; Eckerman, Carol O. The Infant Separates Himself from His Mother. Science, v168 n3927, pp78-83, April 1970.

44. Rheingold, Harriet L.; Eckerman, Carol O. The Infant's Free Entry into a New Environment. Journal of Experimental Child Psychology, v8 n2, pp271-283, October 1969.

45. Rowland, G. Thomas. Bruner on Mental Development. Educational Leadership, v27 n8, pp841-845, May 1970.

46. Rutter, Michael. Psychological Development--Predictions from Infancy. Journal of Child Psychology and Psychiatry, v11 n1, pp49-62, May 1970.

47. Sameroff, Arnold J.Changes in the Nonnutritive Sucking Response to Stimulation During Infancy. Journal of Experimental Child Psychology, v10 n1, pp112-119, August 1970.

48. Sander, Louis W.; And Others. Early Mother-Infant Interactions and 24-Hour Patterns of Activity and Sleep. Journal of the American Academy of Child Psychiatry, v9 n1, pp103-123, January 1970.

49. Scarr, Sandra; Salapatek, Philip. Patterns of Fear Development During Infancy. Merrill-Palmer Quarterly, v16 n1, pp53-90, January 1970.

50. Schaffer, H.R.; Parry, M.H. The Effects of Short-Term Familiarization on Infants' Perceptual-Motor Co-ordination in a Simultaneous Discrimination Situation. British Journal of Psychology, v61 pt4, pp559-569, November 1970.

51. Seymour, Dorothy. Early Reading and Infant Language. Journal of the Reading Specialists, v9 n1, pp5-11, October 1969.

52. Shaw, Jon A.; And Others. Mother-Infant Relationship and Weight Gain in the First Month of Life. Journal of the American Academy of Child Psychiatry, v9 n3, pp428-444, July 1970.

53. Shultz, Thomas R.; Zigler, Edward. Emotional Concomitants of Visual Mastery in Infants: The Effects of Stimulus Movement on Smiling and Vocalizing. Journal of Experimental Child Psychology, v10 n3, pp390-402, December 1970.

54. Stewart, Mary Lou. A Child's First Steps: Some Speculations. Childhood Education, v47 n6, pp290-295, March 1971.

55. Thoman, Evelyn B.; And Others. Neonate-Mother Interaction: Effects of Parity on Feeding Behavior. Child Development, v41 n4, pp1103-1111, December 1970.

56. Thomas, Hoben. Psychological Assessment Instruments for Use with Human Infants. Merrill-Palmer Quarterly, v16 n2, pp179-223, April 1970.

57. Turnure, Cynthia. Response to Voice of Mother and Stranger by Babies in the First Year. Developmental Psychology, v4 n2, pp182-190, March 1971.

58. Uzgiris, Ina C.; Hunt, J. McV. Attentional Preference and Experience: II. An Exploratory Longitudinal Study of the Effect of Visual Familiarity and Responsiveness. Journal of Genetic Psychology, v117 n1, pp109-121, September 1970.

59. Weiland, I. Hyman; Sperber, Zanwil. Patterns of Mother-Infant Contact: The Significance of Lateral Preference. Journal of Genetic Psychology, v117 n2, pp157-165, December 1970.

60. Weizmann, Fredric; And Others. Novelty, Familiarity, and the Development of Infant Attention. Developmental Psychology, v4 n2, pp149-154, March 1971.

61. Wickelgren, Lyn W. The Ocular Response of Human Newborns to Intermittant Visual Movement. Journal of Experimental Child Psychology, v8 n3, pp469-482, December 1969.

62. Woodcock, James M. Terminology and Methodology Related to the Use of Heart Rate Responsivity in Infancy Research. Journal of Experimental Child Psychology, v11 n1, pp76-92, February 1971.

63. Zelazo, Philip R. Smiling to Social Stimuli: Eliciting and Conditioning Effects. Developmental Psychology, v4 n1, pp32-42, January 1971.

ORDER INFORMATION

Documents listed in this bibliography may be ordered from ERIC Document Reproduction Service (EDRS), at Leasco Information Products, Inc. (In those few cases where availability is other than through EDRS, ordering information is given after the individual title and annotation.)

1. Address orders to:

   EDRS
   Leasco Information Products, Inc.
   P.O. Box Drawer O
   Bethesda, Maryland 20014

2. Give the title and ED number for each item ordered.

3. Price Schedule:

   a. The price for each title ordered in Microfiche (MF) (transparent filmcard) is $0.65. (To read MF you need a microfiche reader, available in most libraries.)

   b. The price for each title ordered in Hardcopy (HC) (photocopy reproduction) is computed according to the number of pages listed with the entry.

Pages	Price
1 - 100	$ 3.29
101 - 200	6.58
201 - 300	9.87
301 - 400	13.16
401 - 500	16.45
Each additional 1 - 100 page increment	3.29

4. Postage is included in the above rates. There is no handling charge.

5. Payment must accompany orders under $10.00.

6. Orders must be in writing.